12080	L Number	Hits	Search Text	DB	Time stamp
### 1986   T(polypropylene adj glycol) same (weight )				<del></del>	
10   10   10   10   10   10   10   10	1 3.0	12000	(borbhroblicus and arkeon) same (merant)	1 '	
DERWENT   USPAT   US			I Do Alber Warning		
1			IIX) /UU/ KU/YI()VC.		
and (resist photoresist)  and (resist photoresist)  commerical near (polypropylene adj glycol)  commerical near (polypropylene adj glycol)  (molecular adj weight) near (polypropylene adj glycol)  ((molecular adj weight) near (polypropylene adj glycol) same (plasticizer surfactant additive)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)  (molecular adj weight)  (mo	43	986	(polypropylene adj glycol) same (weight ))		2003/07/24 10:48
	-				
1			-		
See				DERWENT	
Sept	44	1	commerical near (polypropylene adj glycol)	USPAT;	2003/07/24 12:40
Molecular adj weight) near (polypropylene adj glycol)   Molecular adj weight)   Molecular adj weight				· ·	
2450					
adj glycol)					
Separate	.45	2450			2003/07/24 12:49
### ### ### #### #####################			aaj giycoi)		
Molecular adj weight) near (polypropylene adj glycol) and (430/270.1.ccls.)   USPAT   2003/07/24 13:03 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:08 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:08 adj glycol) and (430/370.1.ccls.)   USPAT   USPAT   2003/07/24 13:08 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:08 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:08 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:03 adj glycol) and (430/370.1.ccls.)   USPAT   2003/07/24 13:03 adj glycol) same (plasticizer surfactant additive)   (molecular adj weight) near (polypropylene adj glycol) same (plasticizer surfactant additive)   (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:07					
adj glycol)   3	' <sub>40</sub>	2107	(molegular adi weight) noon (nolumnosulona	1	2003/07/24 12:02
3	48	2197		USPAT	2003/07/24 13:03
adj glycol) and (430/270.1.ccls.)   68	149	າ		HISDAT	2003/07/24 12:51
Section	127	3		OSFAI	2003/01/24 12:31
adj glycol) and (430/8.ccls.)   65 ((molecular adj weight) near (polypropylene adj glycol)) and (430/8.ccls.)) not (((molecular adj weight) near (polypropylene adj glycol)) same(plasticizer surfactant additive)   159 (molecular adj weight) near (polypropylene adj glycol) same(plasticizer surfactant additive)   159 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer surfactant additive)   150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:07     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17     150 (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:10     150 (molecular adj wei	50	69		USPAT	2003/07/24 13:00
1	30	98		JULAI	2003/01/24 13:00
adj glycol)) and (430/8.ccls.)) not (((molecular adj weight) near (polypropylene adj glycol)) and (430/270.1.ccls.)) (molecular adj weight) near (polypropylene adj glycol) same(plasticizer surfactant additive) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer surfactant additive) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer surfactant additive) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer) and (430/8.ccls.) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer) (molecular adj weight) near (polypropylene adj glycol) same (plasticizer) (molecular adj weight) near (plasticizer) (USPAT 2003/07/24 13:16 (molecular adj weight) near (plasticizer) (USPAT 2003/07/24 14:40 1) and (430/8.ccls.) (molecular adj weight) near (plasticizer) (USPAT 2003/07/24 14:40 1) and (430/8.ccls.) (molecular adj weight) near (plasticizer) (USPAT 2003/07/24 14:40 1) and (430/8.ccls.) (uSPAT 2003/07/24 14:40 1) p) = 10048826*5.did. (uSPAT 2003/07/24 14:42 2003/07/24 14:43 1) = 1000/07/25 12:50 ("20020147259").PN. (uSPAT; USPAT; USPAGUME) (uSPAT; USPAGUME) (uSPAGUME) (uSPAT; USPAGUME) (uSPAGUME) (uSPAGUME) (uSPAGUME) (uSPAGUME) (uSPAGUME) (uSPAGUME	51	65		USPAT	2003/07/24 13:02
(((molecular adj weight) near (polypropylene adj glycol)) and (430/270-1.ccls.))   (molecular adj weight) near (polypropylene adj glycol) same(plasticizer surfactant additive)   USPAT   2003/07/24 13:07 adj glycol) same (plasticizer surfactant additive)   USPAT   2003/07/24 13:07 adj glycol) same (plasticizer surfactant additive)   USPAT   2003/07/24 13:17   (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:17   (molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24 13:16   (adj 0/5.ccls.)   (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16   (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 13:16   (molecular adj weight) near (plasticizer)   USPAT   2003/07/24 14:42   (pp-10048826-5.did.		0.5			
adj glycol) and (430/270.1.ccls.)   159		:	(((molecular adi weight) near (polypropylene		
159	1				
adj glycol) same(plasticizer surfactant additive)	52	159		USPAT	2003/07/24 13:03
additive					
adj glycol) same (plasticizer surfactant additive)			additive)		
adj glycol) same (plasticizer surfactant additive)	53	159		USPAT	2003/07/24 13:07
1					
adj glycol) same (plasticizer) and (430/\$.ccls.)	1				
(430/\$.ccls.)	55	1	((molecular adj weight) near (polypropylene	USPAT	2003/07/24 13:17
Molecular adj weight) near (polypropylene adj glycol) same (plasticizer)   USPAT   2003/07/24   13:16   adj glycol) same (plasticizer)   USPAT   2003/07/24   13:16   24   ((molecular adj weight) near (plasticizer)   USPAT   2003/07/24   14:40   10   and (430/\$.ccls.)   USPAT   2003/07/24   14:40   10   jp-10048826-\$.did.   USPAT   2003/07/24   14:42   USPAT   2003/07/24   14:42   USPAT   2003/07/24   14:42   USPAT   2003/07/24   14:43   2003/07/24   2003/07/24   20	1				
Adj glycol) same (plasticizer)	-		1	110037	2002/07/24 12 15
16255   24   (molecular adj weight) near (plasticizer)   USPAT   2003/07/24   13:16   2003/07/24   14:40   14:40   14:40   15:40   16:40   1	54	41		USPAT	2003/07/24 13:16
24	56	40E		IIGDAT	2003/07/24 12:16
3776   3776					
16255   0   jp-10048826-\$.did.   USPAT   2003/07/24   14:42   2003/07/24   14:42   2003/07/24   14:42   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/24   14:43   2003/07/22   16:04   2003/07/22   16:04   2003/07/22   16:04   2003/07/22   16:04   2003/07/22   16:04   2003/07/22   16:04   2003/07/22   16:04   2003/07/23   12:50   2003/07/23   2:50   2	1 3 ,	24			2003, 07, 24 14.40
59 0 jp-100048826-\$.did. 60 0 jp-08354985-\$.did. 10 jp-08354985-\$.did. 2 ("20020147259").PN.  - 3776 hydroxystyrene - 38 2-ethyl-2-adamantyl adj (methacrylate acrylate) - 5 2-ethyl-2-adamantylmethacrylate 2 -ethyl-2-adamantylate 2 -ethyl-2-adamantylate 3 59adamantyl\$4acrylate - 73 \$9adamantyl\$4acrylate - 16255 (acid photoacid) near generat\$3  USPAT 2003/07/24 14:42 2003/07/24 14:43 2003/07/24 14:42 2003/07/24 1	1 58	n		USPAT	2003/07/24 14:42
16255   1625		-			1 ' '
61	1				
- 2 ("20020147259").PN. USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	1	=		USPAT	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/07/23 12:50 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/07/23 12:50 US-PGPUB; EPO; JPO; DERWENT USPAT; USPA	1_ }	2		USPAT;	2003/07/22 16:04
- 3776 hydroxystyrene	' <u> </u>			US-PGPUB;	
- 3776 hydroxystyrene USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPA	1			EPO; JPO;	
US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/07/23 12:50 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	1				
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	'-	3776	hydroxystyrene	•	2003/07/23 12:50
- 58 2-ethyl-2-adamantyl adj (methacrylate acrylate) - 2-ethyl-2-adamantylmethacrylate - 5 2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylate 2-ethyl-2-adamantylate 2-ethyl-2-adamantylate 3 \$9adamantyl\$4acrylate 4 USPAT; 4 USPAT; 5 US-PGPUB; 6 EPO; JPO; 6 DERWENT 73 \$9adamantyl\$4acrylate 4 USPAT; 6 US-PGPUB; 7 US-PGPUB; 7 USPAT; 8 USPAT; 9	' <b>[</b>			· ·	
- 58 2-ethyl-2-adamantyl adj (methacrylate acrylate)	' <b> </b>				
acrylate)  acrylate)  US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	1		0 -13 1 0 -1 1 -12 ( 13 - 13 )		0000/07/00 10 50
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	' -	58			2003/07/23 12:50
- 2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylacrylate 2-ethyl-2-adamantylacrylate 2-ethyl-2-adamantylacrylate 2003/07/23 12:50  - 73 \$9adamantyl\$4acrylate 2003/07/23 12:50 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAD; EPO; JPO;	ļ		acrylace)		
- 5 2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylacrylate US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; DERWENT US-	•				
2-ethyl-2-adamantylacrylate US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	' _ <b>i</b>	e	2-ethyl-2-adamantylmothagrylato		2003/07/22 12-50
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	- [	5			2003/01/23 12:50
- 73 \$9adamantyl\$4acrylate	ļ		z-echyr-z-adamancyracryrace		
- 73 \$9adamantyl\$4acrylate USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DEPO; DEPO; JPO; USPAT; US-PGPUB; EPO; JPO;	ļ				
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	' _	73	\$9adamantvl\$4acrvlate		2003/07/23 12:50
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERVENT USPAT; US-PGPUB; EPO; JPO;	1	. 3		•	
- 16255 (acid photoacid) near generat\$3 DERWENT USPAT; US-PGPUB; EPO; JPO;					
- 16255 (acid photoacid) near generat\$3	ļ				
US-PGPUB; EPO; JPO;	-	16255	(acid photoacid) near generat\$3		2003/07/23 08:33
	ļ			US-PGPUB;	
	1			EPO; JPO;	

-	32959	polypropylene adj glycol	USPAT;	2003/07/22 16:06
			US-PGPUB; EPO; JPO;	
			DERWENT	
_	1789	polypropyleneglycol	USPAT;	2003/07/22 16:06
		bo_1b_ob1_ono2_1oo_	US-PGPUB;	,
			EPO; JPO;	
			DERWENT	
-	34231	(polypropylene adj glycol)	USPAT;	2003/07/23 08:30
		polypropyleneglycol	US-PGPUB;	
			EPO; JPO; DERWENT	,
	59	(2-ethyl-2-adamantyl adj (methacrylate	USPAT;	2003/07/22 16:06
_	39	acrylate)) (2-ethyl-2-adamantylmethacrylate	US-PGPUB;	2003/07/22 10.00
		2-ethyl-2-adamantylacrylate)	EPO; JPO;	
			DERWENT	
-	26	((2-ethyl-2-adamantyl adj (methacrylate	USPAT;	2003/07/22 16:07
		acrylate)) (2-ethyl-2-adamantylmethacrylate	US-PGPUB;	
		2-ethyl-2-adamantylacrylate)) and	EPO; JPO;	
		hydroxystyrene	DERWENT	0000107170057
-	26		USPAT;	2003/07/22 16:07
		acrylate)) (2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylacrylate)) and	US-PGPUB; EPO; JPO;	
		hydroxystyrene) and ((acid photoacid) near	DERWENT	
		qenerat\$3)		
·  _	26	19	USPAT;	2003/07/22 16:07
		acrylate)) (2-ethyl-2-adamantylmethacrylate	US-PGPUB;	
		2-ethyl-2-adamantylacrylate)) and	EPO; JPO;	
		hydroxystyrene) and ((polypropylene adj	DERWENT	
		glycol) polypropyleneglycol))		
		((((2-ethyl-2-adamantyl adj (methacrylate		
		acrylate)) (2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylacrylate)) and		
		hydroxystyrene) and ((acid photoacid) near		
		generat\$3)) (((((2-ethyl-2-adamantyl adj		
		(methacrylate acrylate))		
		(2-ethyl-2-adamantylmethacrylate		
		2-ethyl-2-adamantylacrylate)) and		
		hydroxystyrene) and ((polypropylene adj		
		glycol) polypropyleneglycol)) and ((acid		
	1	photoacid) near generat\$3))   ((((2-ethyl-2-adamantyl adj (methacrylate	USPAT;	2003/07/23 12:35
	_	acrylate)) (2-ethyl-2-adamantylmethacrylate	US-PGPUB;	2003/01/23 12.33
		2-ethyl-2-adamantylacrylate)) and	EPO; JPO;	
		hydroxystyrene) and ((polypropylene adj	DERWENT	
		glycol) polypropyleneglycol)) and ((acid		
	1	photoacid) near generat\$3)		
-	1	(((2-ethyl-2-adamantyl adj (methacrylate	USPAT;	2003/07/22 16:31
	-	acrylate)) (2-ethyl-2-adamantylmethacrylate	US-PGPUB;	
		2-ethyl-2-adamantylacrylate)) and hydroxystyrene) and ((polypropylene adj	EPO; JPO; DERWENT	
	1	glycol) polypropyleneglycol)		
-	34231		USPAT;	2003/07/23 12:51
		polypropyleneglycol	US-PGPUB;	' '
			EPO; JPO;	
	1		DERWENT	
-	2677		USPAT;	2003/07/23 09:59
	1	polypropyleneglycol ) and (resist	US-PGPUB;	
		photoresist)	EPO; JPO; DERWENT	
_	16255	(acid photoacid) near generat\$3	USPAT;	2003/07/23 08:34
	10255	lacta photoacta, heat generaty	US-PGPUB;	
			EPO; JPO;	
	1	,	DERWENT	
-	157		USPAT;	2003/07/23 08:34
	1	polypropyleneglycol ) and (resist	US-PGPUB;	
	]	photoresist)) and ((acid photoacid) near	EPO; JPO;	
		generat\$3 )	DERWENT	2002/07/22 00.20
-	8034	PGMEA (propyleneglycolmonomethyl adj ether) (propylene adj glycol adj \$4methyl adj	USPAT; US-PGPUB;	2003/07/23 08:38
	[	ether)	EPO; JPO;	
		Conce	DERWENT	
L	l	1		<u> </u>

-	86	((((polypropylene adj glycol)	USPAT;	2003/07/23 09:55
		polypropyleneglycol ) and (resist	US-PGPUB;	
		photoresist)) and ((acid photoacid) near	EPO; JPO;	
		generat\$3 )) not (PGMEA	DERWENT	
		(propyleneglycolmonomethyl adj ether) (propylene adj glycol adj \$4methyl adj		
		(propylene adj glycol adj \$4methyl adj   ether)		
_	992	(polypropylene adj glycol) same	USPAT;	2003/07/23 09:55
		(plasticizer)	US-PGPUB;	2003, 01, 23 03133
		(рішовіодої)	EPO; JPO;	l i
			DERWENT	
- '	122	((polypropylene adj glycol) same	USPAT;	2003/07/23 10:01
		(plasticizer)) and (resist photoresist)	US-PGPUB;	
			EPO; JPO;	
1			DERWENT	
-	114	(((polypropylene adj glycol) same	USPAT;	2003/07/23 10:01
		(plasticizer)) and (resist photoresist)) not	US-PGPUB;	
		(((((polypropylene adj glycol)	EPO; JPO;	
		polypropyleneglycol ) and (resist	DERWENT	i
		<pre>photoresist)) and ((acid photoacid) near generat\$3 )) not (PGMEA</pre>		
		(propyleneglycolmonomethyl adj ether)		
		(propylene adj glycol adj \$4methyl adj		
		ether) ))		
_	4	((((polypropylene adj glycol) same	USPAT;	2003/07/23 10:19
		(plasticizer)) and (resist photoresist)) not	US-PGPUB;	
•		(((((polypropylene adj glycol)	EPO; JPO;	
		polypropyleneglycol ) and (resist	DERWENT	
		photoresist)) and ((acid photoacid) near		
		generat\$3 )) not (PGMEA		
		(propyleneglycolmonomethyl adj ether)		
		(propylene adj glycol adj \$4methyl adj		
		ether) ))) and ((acid photoacid) near		1
_	o	generat\$3 ) jp-100448826-\$.did.	USPAT;	2003/07/23 10:19
		)p 100440020 \$.did.	US-PGPUB;	2003, 0.7, 23 10.13
			EPO; JPO;	
			DERWENT	
-	0	jp-1000448826-\$.did.	USPAT;	2003/07/23 10:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0000/05/00 10 10
-	0	jp-100448826-\$.did.	USPAT;	2003/07/23 10:19
			US-PGPUB; EPO; JPO;	
			DERWENT	
_	· 0	jp-10448826-\$.did.	USPAT;	2003/07/23 10:25
<u> </u>			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1	jp-2881969-\$.did.	USPAT;	2003/07/23 10:25
			US-PGPUB;	
1			EPO; JPO;	
	_ [	(#CE40220#) PM	DERWENT	2003/07/23 10:33
-	2	("6548220").PN.	USPAT;	2003/07/23 10:33
			US-PGPUB; EPO; JPO;	
			DERWENT	
_	500	NAMBA-K NAMBA-KATSUHIKO NAMBA-KATSUHIRO	USPAT;	2003/07/23 12:44
		NAMBA-KAZUHIRO NAKANISHI-JUN NAKANISHI-JUNJI	US-PGPUB;	
1		NAKANISHI-JUNJI-C-O-MITSUBISHI	EPO; JPO;	
		NAKANISHI-JUNJI-DOW-CORNING-TO	DERWENT	
1		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI	L <u></u>	L

	222	(NAMBA-K NAMBA-KATSUHIKO NAMBA-KATSUHIRO	USPAT;	2003/07/23 13:42
		NAMBA-KAZUHIRO NAKANISHI-JUN NAKANISHI-JUNJI	US-PGPUB;	2003/07/23 13:12
		NAKANISHI-JUNJI-C-O-MITSUBISHI	EPO; JPO;	
		NAKANISHI-JUNJI-DOW-CORNING-TO	DERWENT	
		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)		
-	3776	hydroxystyrene	USPAT;	2003/07/23 12:50
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	58	1 3 1	USPAT;	2003/07/23 12:50
		acrylate)	US-PGPUB;	
			EPO; JPO;	
	-	2 other 2 odenoutelmotherwilete	DERWENT	2003/07/23 12:50
	5	2-ethyl-2-adamantylmethacrylate 2-ethyl-2-adamantylacrylate	USPAT; US-PGPUB;	2003/07/23 12:50
		2-echyl-2-adamancylaciylace	EPO; JPO;	
			DERWENT	
_	73	\$9adamantyl\$4acrylate	USPAT;	2003/07/23 12:51
	"		US-PGPUB;	2003, 01, 23 22132
	ĺ		EPO; JPO;	
			DERWENT	
_	34231	(polypropylene adj glycol)	USPAT;	2003/07/23 12:52
		polypropyleneglycol	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
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		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) AND hydroxystyrene		
		AND ((2-ethyl-2-adamantyl adj (methacrylate acrylate) ) (2-ethyl-2-adamantylmethacrylate		
		2-ethyl-2-adamantylacrylate )		
		\$9adamantyl\$4acrylate )		
_	1	I	USPAT;	2003/07/23 12:52
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		NAKANISHI-JUNJI-RES-AND-DEV-DE		
•		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI) AND	1	
		(RESIST PHOTORESIST)) AND hydroxystyrene		1
		AND ((2-ethyl-2-adamantyl adj (methacrylate		
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		2-ethyl-2-adamantylacrylate )	1	
		\$9adamantyl\$4acrylate )) AND		
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		NAKANISHI-JUNJI-C-O-MITSUBISHI	EPO; JPO;	ľ
		NAKANISHI-JUNJI-DOW-CORNING-TO	DERWENT	
		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
İ		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) AND hydroxystyrene		
		AND ((2-ethyl-2-adamantyl adj (methacrylate		
		acrylate) ) (2-ethyl-2-adamantylmethacrylate		
	1	2-ethyl-2-adamantylacrylate )		
		\$9adamantyl\$4acrylate )) NOT ((((NAMBA-K		
		NAMBA-KATSUHIKO NAMBA-KATSUHIRO		
		NAMBA-KAZUHIRO NAKANISHI-JUN NAKANISHI-JUNJI		
		NAKANISHI-JUNJI-C-O-MITSUBISHI		
	i	NAKANISHI-JUNJI-DOW-CORNING-TO		
		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) AND hydroxystyrene		
		AND ((2-ethyl-2-adamantyl adj (methacrylate	1	Į į
į	j i	acrylate) ) (2-ethyl-2-adamantylmethacrylate		1
	<u> </u>	2-ethyl-2-adamantylacrylate )		
·		\$9adamantyl\$4acrylate )) AND		
		((polypropylene adj glycol)	1	
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		NAKANISHI-JUNJI-DOW-CORNING-TO	DERWENT	
		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		•
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) and hydroxystyrene		
_	ا و ا	(((NAMBA-K NAMBA-KATSUHIKO NAMBA-KATSUHIRO	USPAT;	2003/07/23 13:56
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		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		1
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) and hydroxystyrene)		
		not ((((NAMBA-K NAMBA-KATSUHIKO		
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		NAKANISHI-JUNJI		
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		NAKANISHI-JUNJI-DOW-CORNING-TO		
		NAKANISHI-JUNJI-RES-AND-DEV-DE		
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		<u> </u>
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) AND hydroxystyrene		j
		AND ((2-ethyl-2-adamantyl adj (methacrylate		
		acrylate) ) (2-ethyl-2-adamantylmethacrylate		
İ		2-ethyl-2-adamantylacrylate )		
		\$9adamantyl\$4acrylate )) NOT ((((NAMBA-K		
	]	NAMBA-KATSUHIKO NAMBA-KATSUHIRO		]
		NAMBA-KAZUHIRO NAKANISHI-JUN NAKANISHI-JUNJI		
		NAKANISHI-JUNJI-C-O-MITSUBISHI		]
1		NAKANISHI-JUNJI-DOW-CORNING-TO		
		NAKANISHI-JUNJI-RES-AND-DEV-DE		Į l
		NAKANISHI-JUNJI-TORAY-DOW-CORN UETANI-Y		
		UETANI-YASUNORI UETANI-YASUYOSHI) AND		
		(RESIST PHOTORESIST)) AND hydroxystyrene		
		AND ((2-ethyl-2-adamantyl adj (methacrylate		
		acrylate) ) (2-ethyl-2-adamantylmethacrylate		
		2-ethyl-2-adamantylacrylate)		
		\$9adamantyl\$4acrylate )) AND		
		((polypropylene adj glycol)		
		polypropyleneglycol )))		
		PUL 1 PLUP 1 4 UM U U 4 1 U U 4 1 1 1 1		1

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			EPO; JPO;	
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-	1	wo-200046640-\$.did.	USPAT;	2003/07/23 14:48
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-	4	(("6517994") or ("20030017415") or	USPAT;	2003/07/23 15:29
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-	0	(cylcohexyl adj group) same (acid adj	USPAT;	2003/07/23 15:44
		cleavable)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	

## **Patent Assignment Abstract of Title**

**Total Assignments: 1** 

Applicati n #: 10084182

Filing Dt: 02/28/2002

Patent #: NONE

**Issue Dt:** 

PCT #: NONE

**Publication #: NONE** 

**Pub Dt:** 

Inventors: Junji Nakanishi, Katsuhiko Namba, Masumi Suetsugu

**Title:** Chemical amplifying type positive resist composition

Assignment: 1

**Reel/Frame:** <u>012633/0764</u> Received: 03/08/2002

Recorded: 02/28/2002

Mailed: 04/30/2002

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: NAKANISHI, JUNJI

Exec Dt: 02/22/2002

NAMBA, KATSUHIKO SUETSUGU, MASUMI **Exec Dt:** 02/22/2002 Exec Dt: 02/22/2002

Assignee: SUMITOMO CHEMICAL COMPANY, LIMITED

5-33, KITAHAMA 4-CHOME, CHUO-KU

OSAKA, JAPAN

Correspondent: BIRCH, STEWART, KOLASCH & BIRCH, LLP

ANDREW D. MEIKLE

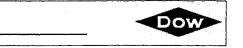
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# Polypropylene Glycols and Copolymers North America Products

## Polypropylene Glycols (PPGs)

#### Overview

Polypropylene glycols are polymers of propylene oxide. They are clear, viscous liquids with low pour points. Viscosity increases and water solubility decreases with increasing molecular weight.

DOW P-series polyglycols are linear polymers containing two terminal hydroxyl groups. DOW PT-series polyglycols are glyceryl ether polymers containing three terminal hydroxyl groups.

### Properties<sup>1</sup>

Polypropylene Glycol	CTFA Nonmenclature	Molecular Weight	Specific Gravity <sup>2</sup> @25/25° C	Average Viscosity <sup>3</sup> , cSt @40°C	Pour Point, °C	Refractive Index <sup>4</sup> @ 25°C	Density Ib/gal @ 25°C
PT250		250	1.091	285	-18	1.459	9.07
PT700	PPG-10	700	1.033	108	-32	1.453	8.59
PT3000	PPG-55	3000	1.010	235	-27	1.451	8.40
P425	PPG-9	425	1.007	33	-45	1.447	8.39
P1000TB <sup>††</sup>	PPG-17	1000	1.005	78	-25	1.448	8.38
P1200 <sup>††</sup>	PPG-20	1200	1.003	91	-40	1.448	8.38
P2000 <sup>††</sup>	PPG-26	2000	1.002	160	-30	1.449	8.34
P3000TB		3000	1.003	255	-28	1.448	8.35
P4000 <sup>††</sup>	PPG-30	4000	1.004	455	-26	1.450	8.36

<sup>&</sup>lt;sup>††</sup> Kosher certified products

#### Details

For additional information regarding any DOW polypropylene glycol products, please contact your local distributor.

Site Navigation:	Polypropylene Glycols and
•	Copolymers Home: North
	America Home: Products:
	Polypropylene Glycol (PPGs)

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<sup>&</sup>lt;sup>1</sup> Typical properties, not to be construed as specifications.

<sup>&</sup>lt;sup>2</sup> ASTM D 892

<sup>3</sup> ASTM D 445/446

<sup>&</sup>lt;sup>4</sup> ASTM D 1218